

: B185Hx80/1P

SSP : B185H

		1	2
		R744 (Carbon Dioxide) (90.0 bar)	Propylene Glycol - Water (30.0 mass%)
		90.00	
		95.0	25.0
		30.0	45.0
		0.3938	1.156
(C H)	kPa	2.10 (50.00)	6.83 (50.00)
		3.33	1.02
		1	2
		5.90	
		15.2	
		19.5	
Overall heat transfer coefficient	W/m ² ,°C	1310	
- *	kPa	2.10	6.83
-	kPa	0.225	0.161
(/)	mm	33.0/33.0	50.0/50.0
		39	40
		80	
		9	
		0.060	
		3885	156.1
(/)	m/s	1.02/1.02	0.576/0.576
		0.149	0.0952
		4.14e-3	0.0147
		37.2	36.6
		1.2	
		27.6/53.1	27.3/51.9

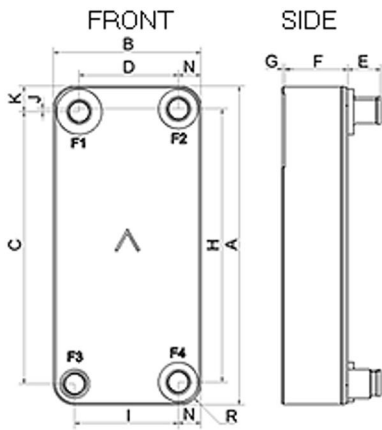
! For a desuperheater installation it is recommended to have the gas enter in the top of the BPHE, either in F1 or F2. The reason is to easily remove possible condensate from the BPHE

		1	2
		44.2	34.5
		0.0214	1.84
		227.5	1023
		2.224	3.892
		0.03285	0.4583
		2270	4790
		1	2
()*	kg	46.26	
()*	kg	52.99	
()	dm ³	4.31	
()	dm ³	4.68	
F1/P1	mm	33	
F2/P2	mm	50	



		1	2
	F3/P3	mm	33
	F4/P4	mm	50

*



A	mm	425.2 ±2
B	mm	203.2 ±1
C	mm	354 ±1
D	mm	126 ±1
E	mm	45 ±1
F	mm	178 ±3%
G	mm	0 ±1
H	mm	342 ±1
J	mm	6
K	mm	35.6
N	mm	41.6
R	mm	41.6

*

SWEP.

	Unit	Value
Sweden - Landskrona	kg CO ₂ e	238.2
USA - Tulsa	kg CO ₂ e	249.8
Slovakia - Košice	kg CO ₂ e	270.9
Malaysia - Kuala Lumpur	kg CO ₂ e	377.2
China - Suzhou	kg CO ₂ e	647.1

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